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(54) Title: USE OF ALPHA-KETOGLUTARIC ACID FOR THE TREATMENT OF MALNUTRITION OR HIGH PLASMA GLUCOSE CONDITION

(57) Abstract: A method for improving adsorption of amino acids in a vertebrate, including mammal and bird, is included. The method comprises administering to a vertebrate, including mammal and bird, in a sufficient amount and/or at a sufficient rate to enable desire effect. AKG, AKG derivatives or metabolites, AKG analogues or mixture thereof. Also contemplated is a method for decreasing adsorption of glucose in a vertebrate, including mammal and bird, in the need thereof, AKG, AKG derivatives or metabolites, AKG analogues or mixture thereof, for decreasing glucose adsorption as well as compositions for use in treatment.

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